

Converting Colors

RGB(134, 187, 206)

Have a look what the booklet for
RGB(134, 187, 206) contains.

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Color

RGB(134, 187, 206)

Conversions

Conversions Part 1

Format	Color
Hex	86BBCE
RGB	134, 187, 206
RGB Percent	53%, 73%, 81%
CMY	0.4745, 0.2667, 0.1922
CMYK	0.35, 0.09, 0.00, 0.19
HSL	196°, 42%, 67%
HSV	196°, 35%, 81%
XYZ	38.7424, 45.0652, 65.0490
YIQ	173.3190, -37.6870, -5.3270

Conversions

Conversions Part 2

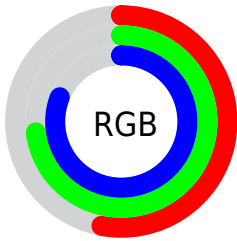
Format	Color
RYB	134, 165, 206
Decimal	8829902
CIELab	72.93, -12.61, -15.11
CIELCh	73, 19.682, 230.142
Yxy	45.0652, 0.2603, 0.3027
Android (android.graphics.Color)	4287019982 (0xFF86BBCE)
YUV	173.3190, 16.1117, -34.4828
Hunter-Lab	67.1306, -14.4627, -10.4601

Details

The RGB color **134, 187, 206** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **206, 153, 134**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **189, 243, 255**, and **81, 134, 152** is the 20% darker color. If you saturate the color by 10%, you get **113, 182, 206**, and if you desaturate by 10%, it is **155, 192, 206**.

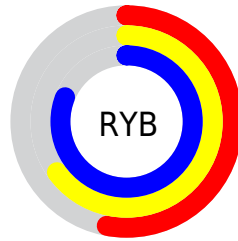
Distribution



Red (53%)

Green (73%)

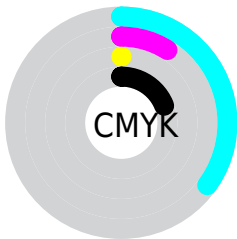
Blue (81%)



Red (53%)

Yellow (65%)

Blue (81%)

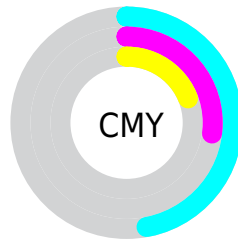


Cyan (35%)

Magenta (9%)

Yellow (0%)

Black (19%)



Cyan (47%)


Magenta (27%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 134, 187, 206 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 134, 187, 206 by changing the saturation by 10% instead.

 134, 187, 206


255, 255, 255


 189, 243, 255


 218, 255, 255

 247, 255, 255

 134, 187, 206

 107, 160, 178


 81, 134, 152

 54, 108, 126

 25, 84, 101

 0, 61, 77

 0, 39, 54

 0, 19, 33

 0, 0, 7

 0, 0, 0

■ 134, 187, 206

■ 134, 187, 206

■ 113, 182, 206

■ 155, 192, 206

■ 93, 176, 206

■ 175, 198, 206

■ 72, 171, 206

■ 196, 203, 206

■ 52, 165, 206

■ 216, 209, 206

■ 31, 160, 206

■ 237, 214, 206

■ 10, 154, 206

■ 255, 220, 206

■ 0, 152, 206

■ 255, 225, 206

■ 255, 230, 206

■ 255, 236, 206

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



131, 189, 191



134, 187, 206



151, 182, 214

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



134, 187, 206



212, 167, 186



180, 182, 145

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



134, 187, 206



206, 153, 134

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



199, 176, 144



134, 187, 206



217, 167, 167

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



134, 187, 206



197, 171, 202



212, 170, 152



159, 186, 155

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



134, 187, 206



166, 179, 214



212, 170, 152



187, 180, 144

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



134, 187, 206



230, 248, 255



134, 206, 152



112, 123, 128



0, 0, 0



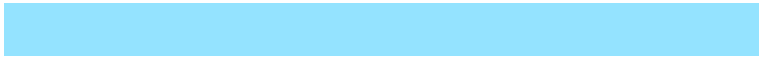
128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



134, 187, 206



148, 227, 255



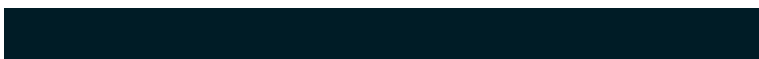
134, 152, 206



92, 99, 102



0, 122, 166



0, 28, 38

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



206, 134, 187



255, 148, 227



206, 188, 134



102, 92, 99



166, 0, 122



38, 0, 28

Previews

White Background



This preview shows how the RGB color 134, 187, 206 looks on a white background.

Color Contrast Check

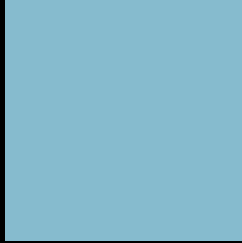
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 134, 187, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

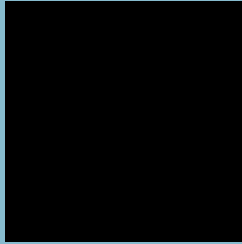
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 134, 187, 206 Background



This preview shows how black text looks on a background with the RGB color 134, 187, 206.



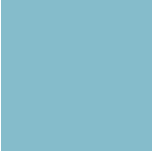
This preview shows how white text looks on a background with the RGB color 134, 187, 206.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

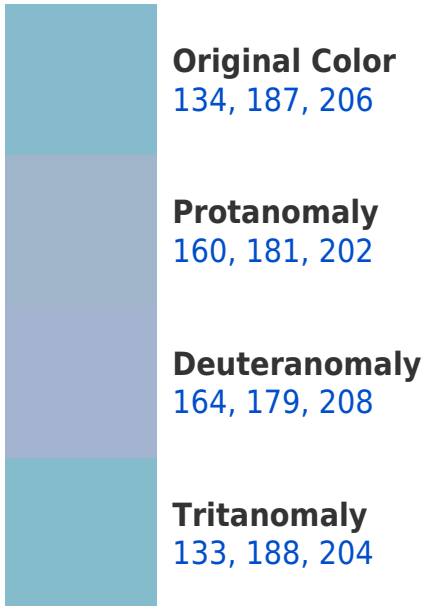
Dichromacy



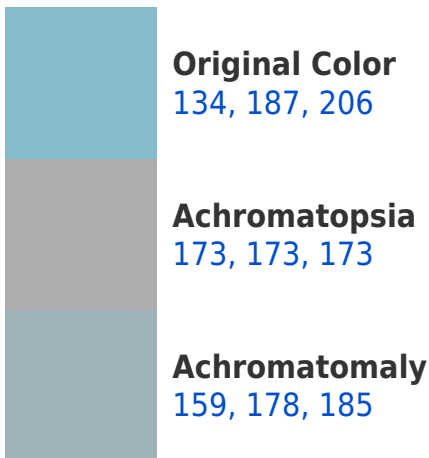


Tritanopia
133, 188, 203

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 187, 206 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(134, 187, 206)` looks like.

```
.text, #text, p{  
    color:rgb(134, 187, 206)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(134, 187, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 187, 206) }
```

Border

The CSS property to change the border of an element to RGB 134, 187, 206 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(134, 187, 206) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(134, 187, 206) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(134, 187, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 187, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 187, 206);  
box-shadow:4px 4px 4px 4px rgb(134, 187,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 134, 187, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 187, 206) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(134,  
187, 206) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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